# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 04 Jan 2023 until 23:59 on Thursday 05 Jan 2023

Forecast Issued on Tuesday 03 Jan 2023 at 10:56

**Confidence:** High for the general theme of low pressure systems and fronts to move east or northeast across the British Isles, but Medium to Low for details, especially in relation to timings and rainfall amounts.

**Headline for Wednesday 04 Jan 2023:** Mostly cloudy and windy, becoming brighter in morning as patchy rain clears, but showery rain in afternoon and evening.

**Mountain weather hazards on Wednesday 04 Jan 2023**

**Blizzards**
No Likelihood

**Gales**
Medium Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent snow**
No Likelihood

**Severe chill effect**
Low Likelihood

**Heavy persistent rain**
Low Likelihood

**Storm force winds**
No Likelihood

**Poor visibility**
Medium Likelihood

**Strong sunlight**
No Likelihood

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Heavy Rain | Heavy Rain | Light rain | Cloudy | Cloudy | Light rain | Cloudy | Light rain |
| Precipitation probability | | | | | | | |
| >95% | 80% | 60% | 20% | 30% | 40% | 20% | 30% |

**Forecast for Wednesday 04 Jan 2023**

**Weather:** Cloudy overnight but rain will turn patchy. A cloudy start to the day with patchy rain and low cloud especially over western slopes. Becoming mostly dry in morning with cloud lifting and breaking to bring bright or perhaps sunny spells, but any sunshine probably limited to the east. Cloudier again in afternoon and evening with some showery rain, but this mostly dying out late evening.

**Chance of cloud-free hill tops above 600m:** 10% improving 40-60% in morning, though closer to 30% in the afternoon.

**Low Cloud and visibility:** Generally good visibility beneath cloud, but reducing moderate in rain, though perhaps poor on western slopes at times. Very poor within cloud however, this extensive down to 400-500m at first, but becoming broken or occasional through the morning and lifting to 600-900m, though 500m at times, especially in west and more extensive down to 500-600m in showery rain.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Wednesday 04 Jan 2023**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 31/44 SW | 30/43 SW | 32/47 SW | 32/45 SW | 28/41 W | 28/41 W | 27/40 W | 24/37 W | 23/36 W |
| **300** | 29/40 SW | 29/39 SW | 28/43 SW | 30/42 SW | 27/39 SW | 25/39 W | 23/38 W | 21/35 W | 20/32 W |
| **Valley** | 28/40 SW | 27/37 SW | 25/39 SW | 26/40 SW | 25/37 SW | 23/37 W | 22/36 W | 19/33 W | 16/28 W |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 8/3 | 7/1 | 6/-0 | 5/-1 | 5/-1 | 5/-1 | 5/-1 | 5/-1 | 4/-1 |
| **300** | 9/6 | 9/5 | 8/4 | 7/3 | 7/3 | 7/3 | 7/3 | 7/3 | 6/2 |
| **Valley** | 10/7 | 10/6 | 9/5 | 9/5 | 9/5 | 8/5 | 8/5 | 8/5 | 8/5 |
| **Freezing Level*** | 2100m | 1600m | 1500m | 1500m | 1500m | 1500m | 1400m | 1400m | 1300m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Some chill over the tops with rain and strong to gale force winds, bringing occasional buffeting. Wet and soggy underfoot with fast flowing waterways after heavy rain Tuesday.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 15:00 on Tue 03 Jan 2023 | 5.8mm | 12.2mm | 34.6mm |

**Forecast for Thursday 05 Jan 2023**

**Weather:** Clear spells overnight but some low cloud onto western slopes and some mist or fog may form as winds ease, though mostly cloudy by the end of the night. Cloud thickening and lowering in morning to bring outbreaks of rain and drizzle, with some heavier more prolonged rain around the middle of the day and again in evening.

**Maximum wind:** Westerly 10-15mph at first, becoming southwesterly 25mph in morning, but 30-35 gust 45mph over the tops in evening.

**Chance of cloud-free hill tops above 600m:** 40% falling to 10%, but 60% in east at first.

**Low Cloud and visibility:** Good visibility beneath cloud, though poor in early mist or fog and falling moderate perhaps poor in rain and drizzle, but becoming poor or very poor at height, as cloud thickens, periods 600-800m at first, becoming extensive through the morning and lowering to 400 or 500m at times, especially in west.

**Temperature:** **Valleys:** Plus 8 C rising to 10-12 C
**At 600m:** Plus 6 or 7 C
**Freezing level:** Well above the tops

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